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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Norbert Reich Examiner: Janell Taylor Cleveland
Serial No. 09/721,550 Group Art Unit: 1655
Filed: November 22, 2000 Docket No. 58027-010300
Title: POLYMER ARRAY ON A SOLID SUBSTRATE

I certify that on January 8, 2003, which is the date I am signing this certificate, this correspondence and all identified attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to Box Responses, Commissioner for Patents, Washington, D.C. 20231.


Sharon Farnus

AMENDMENTS

BOX: RESPONSES
Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed September 17, 2002, kindly enter the following amendments:

IN THE CLAIMS

Please cancel the following claims without prejudice or disclaimer: 19, 22, 24, 26, 27 and 30.

Please amend the following claims: 1, 16, 17, 18, 20, 22, 23, 25, 29, 31, 34, 35 and 39.

1. (Twice Amended) A substrate having a surface area, the surface area comprising attached labeled probe molecules, said labeled probe molecules having therein incorporated nucleotide analogs that fluoresce and whose decrease in florescence, when substantially approaching zero, quantifies the presence or hybridization of complementary molecules to the